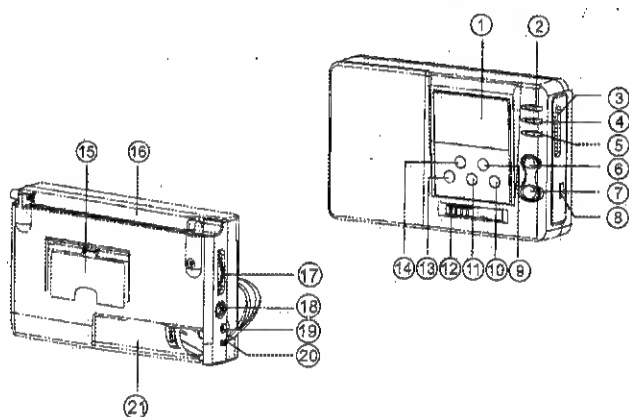


# Operating instructions

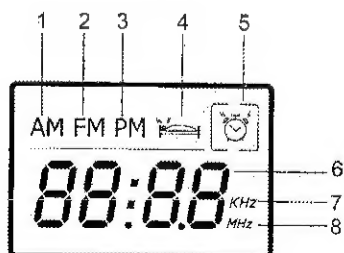
## FM/MW/SW1-7 HIGH SENSITIVITY DIGITAL DISPLAY RADIO WITH CLOCK

### APPEARANCE DIAGRAM & FUNCTION INDICATION



- |                           |                              |
|---------------------------|------------------------------|
| 1. Display screen         | 12. Band switch              |
| 2. Tune light             | 13. Timing switch button     |
| 3. Tuner                  | 14. Minute adjustment button |
| 4. AM indicator           | 15. Supporting rack          |
| 5. FM indicator           | 16. Telescopic antenna       |
| 6. AM button              | 17. Volume control           |
| 7. FM button              | 18. Earphone jack            |
| 8. Power switch           | 19. External power socket    |
| 9. Hour adjustment button | 20. Hand belt                |
| 10. Time set button       | 21. Battery slot             |
| 11. Timing turn on button |                              |

### LCD EXPLANATION



- |                                  |                                       |
|----------------------------------|---------------------------------------|
| 1. AM time or AM band indication | 5. Timing turn on time set indication |
| 2. FM band indication            | 6. Frequency or time indication       |
| 3. PM time indication            | 7. MW frequency unit indication       |
| 4. Timing turn on indication     | 8. SW or FM frequency unit indication |

### PRECAUTIONS

#### For Keeping Good Performance

- \* Avoid fierce lash, falling into the ground.
- \* Do not put the radio in the place where is under sunshine, hot or humid.
- \* Keep magnetic tape, magnetic card and other magnetic record software away from the speaker, in order to avoid that the record is erased or there is noise in the magnetic tape.
- \* Do not use new and old batteries together. When the volume gets faint or is distortion, please change the batteries in time.
- \* When you do not use the radio for a long time, please take out the batteries, lest the leakage of the batteries corrodes the parts in the radio.
- \* Each index of the radio is adjusted well, so please do not adjust the components in the radio.

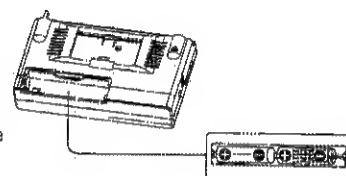
#### Cleaning the Cabinet

Use a soft cloth with detergent to clean the cabinet. Please do not use alcohol, thinner and other strong detergent to clean it.

### POWER

#### Installing batteries

1. The radio uses two AA1.5V batteries, please put the new batteries in the battery slot according to the polarity.
2. If the sound is distortion or the volume is faint, please change the batteries in time.



#### Attention:

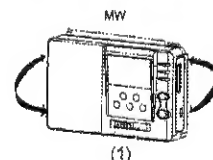
1. Do not use new and old or different type batteries together.
2. In order to prevent the leakage of the electrolysis liquid or danger of explosion, do not charge, heat or resolve the batteries.
3. If you do not use the radio for a long time, please take out the batteries, lest the leakage of the battery corrodes the parts in the radio.

#### Use External Power

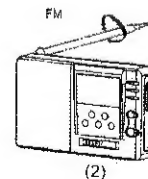
Please use output DC 3V 300mA regulating external direct current power, check the positive and negative of the plug.

### USE ANTENNA

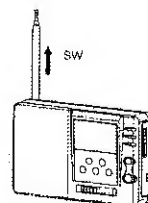
1. Receiving MW by using the internal magnetic antenna, and you can get the best reception by rotating the direction of the radio. (Figure 1)
2. When you receive FM station, please pull out the telescopic antenna to get the best reception by changing its length and angle. (Figure 2)
3. When you receive SW station, please pull out the telescopic antenna and keep it vertical, to get better reception. (Figure 3)



(1)



(2)



(3)

## RECEPTION OPERATION

### Power Switch

When you move the Power switch (8) to the position of ON, the radio begins to work. When you move the Power switch (8) to the position of OFF, the radio is turned off, the time is displayed in the display screen.

### Select Band

Turn on the radio, press the FM button (7) to receive FM station program, meanwhile the FM indicator (5) will light up. Press the AM button (6), move the Band switch (12) to select MW, SW1-8 station program, meanwhile the AM indicator (4) will light up.

### Search Station

After the band is selected, turn the Tuner (3) and watch the station frequency on LCD search your desired station program.

The Tuning Indicator (2) will light up, when you receive the correct station and the station signal is sufficiently strong.

### Volume Control

When the radio works, turn the Volume control (17) to adjust to desired volume.

### Use Earphone

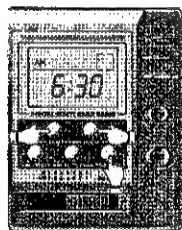
In order not to affect others, please insert the earphones in the Earphone jack (18) (the speaker inside the radio is deactive), you can listen to the radio by earphones.

### Supporting Rack

It is convenient for you to place the radio.

## CLOCK SETTING

1. After installing batteries, in the state of clock, the "12:00" appears on the LCD.
2. Keep the Time set button (10) pressed, meanwhile press the Hour adjustment button (9) to adjust hour, press the Minute adjustment button (14) to adjust minute, set the clock time.
3. If you want to see the time in the state of work, set the power switch to the position of OFF, the time appears on the display screen.
4. The 12 hours system is used in the radio. The AM on the display screen indicates morning time, PM indicates afternoon time.



## TIME SETTING

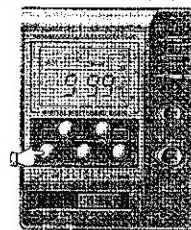
After you complete to set the electronic clock time correctly, you can set the timing turn on time:

1. In the state of clock, press the Timing turn on button (11) pressed, the symbol of "☀" and morning time appear on the display screen. Press the Hour adjustment button (9) to adjust hour, and press the Minute adjustment button (14) to adjust minute, adjust to your desired time to turn on the radio.
2. When the radio works, press the timing turn on button, the timing turn on time displays on the display screen, and the symbol of "☀" twinkles.



## TIMING FUNCTION

1. After the timing turn on time is set, keep the radio in the state of clock.
2. Press the Timing switch button (13) once, the symbol of "☀" displays on the display screen, the timing turn on function begins to work. When the turn on time reaches, the radio will automate to be turned on, the last band frequency before turning off the radio will display on the display screen.
3. Use the timing turn on function to turn on the radio, the Power switch (8) does not function. Press the Timing switch button (13) to cancel the symbol of "☀", then you can turn off the radio.
4. Use the timing turn on function to turn on the radio, after one hour's listening, the radio will automate to be turned off.



## COMMON PROBLEMS & HANDLE

1. The MW and SW are strongly jammed by the TV set, fluorescent lamp, silicon controlled table lamp, computer and motor and so on. When you use the radio, please keep the radio away from the above-mentioned electrical equipment.
2. Reinforcing bar structure inside the multi-storied building and high building will screen the broadcast signal, receiving near the window will improve reception effect.
3. The SW and FM broadcast will be strongly jammed by the nearby "BB" station signal, you can improve reception effect by adjusting the length of the antenna and the angle of the radio.
4. You can use the soft antenna, one end is stuck to the antenna, the other end is put outside the window, it will improve SW and FM receiving effect.
5. The digit display radio is affected by the temperature, humidity and vibration and so on, the digit frequency will maybe deviate. So in using time turn on function, if the frequency deviates, please adjust to receive the correct station.
6. When the temperature is under -10°C in winter, it will cause the leakage of LCD, in general, please avoid using the radio under low temperature.

## TECHNICAL INDEX

- |                     |  |
|---------------------|--|
| 1. Frequency Range  | 2. Sensitivity                                   |
| FM 87-108 MHz       | FM $\leq 20\mu V$                                |
| MW 515-1605 KHz     | MW $\leq 6mV/m$                                  |
| SW1 5.95-6.20 MHz   | SW $\leq 40\mu V$                                |
| SW2 7.10-7.30 MHz   | 3. Single-signal Selectivity $\geq 6dB$          |
| SW3 9.50-9.90 MHz   | 4. Power: DC 3V                                  |
| SW4 11.65-12.05 MHz | Battery two AA1.5V batteries                     |
| SW5 13.60-13.80 MHz | External Power $\oplus \ominus \ominus 3V 300mA$ |
| SW6 15.10-15.60 MHz | 5. Speaker: $\Phi 57mm/4\Omega/0.25W$            |
| SW7 17.50-17.90 MHz | 6. Earphone: $\Phi 3.5mm 32\Omega$               |
|                     | 7. Unit Size: $117 \times 76 \times 33mm$        |
|                     | 8. Weight: 170g (without battery)                |